EXHIBIT A

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Degrees:

A.B., Physiology, University of California, Berkeley, 1965.
Ph.D., Pharmacology and Comparative Toxicology, University of California, San Francisco Medical Center, 1969.

Academic Experience:

Professor of Toxicology (1981-present), *Associate Professor* (1975-1981), and *Assistant Professor* (1970-1975), School of Public Health, University of California, Berkeley.

Associate Professor and *Assistant Professor*, Department of Pharmacology and Toxicology, School of Medicine, University of California, San Francisco (1972-1981).

Senior Fogarty International Fellowship, Wellcome Research Laboratories, Beckenham, Kent, United Kingdom (1984-1985), Sponsors: Sir James Black and Terry W. Smith.

Visiting Scientist, Wellcome Research Laboratories, Beckenham, Kent, United Kingdom (1983).

Visiting Scientist, Professor W. Feldberg's Laboratory, National Institute of Medical Research, London, United Kingdom (1977,1978).

Post-doctoral Fellow, Stanford University (1969-1970) (Adviser: F.E. Yates).

Professional Experience:

- Member of the Committee on the Assessment of Human Health Effects of Great Lakes Water Quality, International Joint Commission (1984-1990).
- Provided consultation for Broward County and Fremont City on "Public Health Aspects of Non-Criteria Pollutants to Be Emitted from Proposed Recovery Facilities" (1985-1991).
- Expert consultant to review Health Assessment Documents for the City of San Diego Wastewater Recovery Project. San Pasqua Facility, Wastewater Treatment Plant (1995-1997).

- External scientific reviewer of "Draft of Public Health Goal (PHG) for methyl-tert-butyl ether in drinking water." Pesticide and Environmental Toxicology Section. Office of Environmental Health Assessment, California Environmental Protection Agency. This draft document can be found on the Internet (1998).
- External peer reviewer of proposed Bay Protection Toxic Cleanup Program's Regional Toxic Hot Spot Cleanup Plans. California State Water Resources Control Board, California Environmental Protection Agency (1998).
- Scientific Consultant for Neurobiological Technologies, Inc. (1990-1997) and for SciClone Pharmaceuticals (1997-1998).

Society Memberships:

Phi Beta Kappa, American Society for Pharmacology and Experimental Therapeutics, Western Pharmacology Society, International Narcotics Research Conference.

Research Areas and Grants:

Research grants (including a Merit Award) from the National Institute on Drug Abuse for research on chemicals affecting the nervous system (1971-1998).

Training grant from the National Institute on Occupational Health and Safety (1970-1990).

Various small research grants were held on chemical carcinogens, heavy metals, asbestos and antihypertensive drugs.

Current research focused on the use of neuropeptides to inhibit inflammation produced by noxious physical and chemical agents and to inhibit angiogenesis and tumor growth.

Inventions

Title of Patent (ET Wei is the Principal Inventor)	Date Issued	US Patent No.
1. Melanocortin receptor antagonists and modulations of melanorcortin receptor activity	filed March, 1998	pending
2. Treatment to reduce edema	05/20/1997	US5631226
3. Treatment to reduce edema	01/30/1996	US5488033
4. Anti-inflammatory composition and method with des-Tyr dynorphin and analogues	01/09/1996	US5482930
5. Anti-inflammatory peptide analogs and treatment to inhibit vascular leakage in injured tissues	01/02/1996	US5480869

6. Neurotensin method for inhibiting vascular leakage	12/20/1994	US5374621
7. Method for treating endotoxin shock with CRF	04/26/1994	US5306710
8. Anti-inflammatory peptides and treatment to inhibit vascular leakage in injured tissues	01/05/1993	US5177060
9. Treatment to reduce edema for brain and musculature injuries	08/11/1992	US5137871
10. Method of inhibiting inflammatory response	01/31/1989	US4801612

Publications

1. E.T. Wei, L.C.K. Wong, and C.H. Hine. Selective potentiation of carbon tetrachloride hepatoxicity by ethanol. Archives Internationales Pharmacodynamie et de Therapie 189: 5-11, 1971.

2. E.T. Wei, L.C.K. Wong, and C.H. Hine. Potentiation of carbon tetrachloride hepatotoxicity by ethanol and cold. Toxicology and Applied Pharmacology 18: 329-334, 1971.

3. L. Dales, E. Kahn, and E.T. Wei. An assessment of the methylmercury hazard in California. California Medicine 114: 13-15, 1971.

4. E.T. Wei and R.C. Spear. The fatal dose of methylmercury in man. Journal of the American Medical Association (Letter to the Editor) 216: 1347, 1971.

5. R.C. Spear and E.T. Wei. Dynamic aspects of environmental toxicology. Journal of Dynamic Systems, Measurement and Control 93: 114-118, 1972.

6. B. Garber and E.T. Wei. Adaptation to the toxic effects of lead. American Industrial Hygiene Association Journal 33: 756-760, 1972.

7. B. Garber and E.T. Wei. Lead toxicity in mice with genetically different levels of delta-aminolevulinic acid dehydratase. Bulletin of Environmental Contamination and Toxicology 9: 80-83, 1973.

8. J. Sinow and E.T. Wei. Ocular toxicity of paraquat. Bulletin of Environmental Contamination and Toxicity 9: 163-168, 1973.

9. P. Jacobsen, R.C. Spear, and E.T. Wei. Parathion and diisopropylfluorophosphate (DFP) toxicity in partially-hepatectomized rats. Toxicology and Applied Pharmacology 26: 314-317, 1973.

10. D. Null, P. Gartside, and E.T. Wei. Methylmercury accumulation in the brain of pregnant, non-pregnant, and fetal rats. Life Sciences (Part 2) 12: 65- 72, 1973.

11. R.C. Spear and E.T. Wei. Probabilistic assessment of methylmercury toxicity. In: Mercury in the Western Environment, Donald P. Buhler (ed.), Oregon State University Press, Corvallis, Oregon, pp. 320- 327, 1974.

12. B. Garber and E.T. Wei. Influence of dietary factors on the gastrointestinal absorption of lead. Toxicology and Applied Pharmacology 27: 685-691, 1974.

13. R. Talcott, M. Hollstein, and E.T. Wei. Mutagenicity of 8-hydroxyquinoline and related compounds in the Salmonella typhimurium bioassay. Biochemical Pharmacology 25: 1323-1328, 1976.

14. W.G. Light and E.T. Wei. Surface charge and hemolytic activity of asbestos. Environmental Research 13: 135-145, 1977.

15. W.G. Light and E.T. Wei. Surface charge and asbestos toxicity. Nature (London) 265: 537-539, 1977.

16. R. Talcott and E.T. Wei. Airborne mutagens bioassayed in Salmonella typhimurium. Journal of the National Cancer Institute 58: 449-451, 1977.

17. N. Kado and E.T. Wei. Radioimmunoassay for benzo(a)pyrene. Journal of National Cancer Institute 61: 221-225, 1978.

18. M. Hollstein, R. Talcott, and E.T. Wei. Quinoline, conversion to a mutagen by rodent and human liver. Journal of the National Cancer Institute 60: 405-410, 1978.

19. Y. Wang, S.M. Rappaport, R. Sawyer, R. Talcott, and E.T. Wei. Direct-acting mutagens in automobile exhaust. Cancer Letters 5: 39-47, 1978.

20. F.W. Busch, D.A. Seid, and E.T. Wei. Substitute-tobacco tar toxicity (Letter to Editor). Lancet ii: 614, 1978.

21. F.W. Busch, D.A. Seid, and E.T. Wei. Mutagenic activity of marihuana smoke condensates. Cancer Letters 6: 319-324, 1979.

22. S.M. Rappaport, M.C. McCartney, and E.T. Wei. Volatilization of mutagens from beef during cooking. Cancer Letters 8: 139-145, 1979.

23. R. Talcott, H. Shu, and E.T. Wei. Dissociation of microsomal oxygen reduction and lipid peroxidation with the electron acceptors, paraquat, diquat, and menadione. Biochemical Pharmacology 28: 665-671, 1979.

24. H. Shu, R. Talcott, S. Rice, and E.T. Wei. Lipid peroxidation and paraquat toxicity. Biochemical Pharmacology 28: 327-331, 1979.

25. W.G. Light and E.T. Wei. Surface charge and the molecular basis of asbestos toxicity. Proceedings of the International Conference on Asbestos, Wales, 1980. Academic Press, New York, pp. 139-145, 1980.

26. E.T. Wei, Y.Y. Wang, and S.M. Rappaport. Diesel emissions and the Ames test: A commentary. Journal of the Air Pollution Control Association 30: 267-271, 1980.

27. S.M. Rappaport, Y.Y. Wang, E.T. Wei, R. Sawyer, B.E. Watkins, H. Rapoport. Isolation and identification of a direct-acting mutagen in diesel-exhaust particles. Environmental Science and Technology 14: 1505-1508, 1980.

28. Y.Y. Wang, D. Seid, R. Talcott, and E.T. Wei. Antimutagenic properties of liver homogenates, proteins, and glutathione on diesel exhaust particles. Cancer Letters 11: 266-275, 1981.

29. J.P. Nachtman, X.B. Xu, S.M. Rappaport, R.E. Talcott, and E.T. Wei. Mutagenic activity in diesel exhaust particles. Bulletin of Environmental Contamination and Toxicology 27: 463-466, 1981.

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33. J.P. Nachtman and E.T. Wei. Evidence for enzymatic reduction of 1-nitropyrene by rat liver fractions. Experientia 38: 837-838, 1982.

34. B. Mossman, W. Light, and E.T. Wei. Asbestos: Mechanisms of toxicity and carcinogenicity in the respiratory tract. Annual Review of Pharmacology and Toxicology 23: 595-615, 1983.

35. E.T. Wei and H.P. Shu. Nitroaromatic carcinogens in diesel engine exhausts: A review of recent laboratory findings. American Journal of Public Health 73: 1085-1088, 1983.

36. E.T. Wei. Resource recovery facilities, air pollution and public health safety. A review of the literature. Report completed for the Minnesota Air Pollution Control Agency, April 1, 1986.

37. X.B. Xu, E.T. Wei, and A.L. Burlingame. Identification of sulfur-containing polycyclic aromatic hydrocarbons in diesel exhaust particulates by high resolution mass spectrometry and capillary column gas chromatography/high resolution mass spectrometry. Beijing Conference and Exhibition on Instrumental Analysis, November 25, 1985 (Beijing).

38. M. Lotti, E.T. Wei, R.C. Spear, and C.E. Becker. Neurotoxic esterase in rooster testis. Toxicology and Applied Pharmacology 77: 175-180, 1985.

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39. E.T. Wei and J.T. Wilson. Stress mediated decrease in liver hexobarbital metabolism: The role of corticosterone and somatotropin. Journal of Pharmacology and Experimental Therapeutics 177: 227-233, 1971.

40. E.T. Wei, H.H. Loh, and E.L. Way. Neuroanatomical correlates of morphine dependence. Science 177: 616-617, 1972.

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44. E.T. Wei. Assessment of precipitated abstinence in morphine-dependent rats. Psychopharmacologia 28: 35-44, 1973.

45. E.T. Wei. Morphine analgesia, tolerance and physical dependence in the adrenalectomized rat. British Journal of Pharmacology 47: 693-699, 1973.

46. E.T. Wei, H.H. Loh, and E.L. Way. Brain sites of precipitated abstinence in morphine-dependent rats. Journal Pharmacology and Experimental Therapeutics 185: 108-115, 1973.

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49. L. Tseng, E.T. Wei, and H.H. Loh. Brain areas associated with bulbocapnine catalepsy. European Journal of Pharmacology 22: 263-366, 1973.

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51. E.L. Way, H.H. Loh, I.K. Ho, E. Iwamoto, and E.T. Wei. Neuroanatomical and chemical correlates of naloxone-precipitated withdrawal. In: Narcotic Antagonists, M.C. Braude, L.S. Harris, E.L. May, J.P. Smith, and J.E. Villarreal (eds.), Advances in Biochemical Psychopharmacology 8: 455-469, Raven Press, New York, 1974.

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54. E.T. Wei, S. Sigel, and E.L. Way. Regional sensitivity of the rat brain to the inhibitory effects of morphine on wet shake behavior. Journal of Pharmacology and Experimental Therapeutics 193: 56-63, 1975.

55. E.T. Wei, S. Sigel, H. Loh, and E.L. Way. Central sites of naloxone-precipitated shaking in the anesthetized morphine-dependent rat. Journal of Pharmacology and Experimental Therapeutics 195: 480-487, 1975.

56. E.L. Way, H.H. Loh, L.F. Tseng, and E.T. Wei. Behavioral and neurohormonal relationships to thermoregulatory adaptive changes in morphine abstinence. Kroc Foundation Symposia No. 2 on Drug Effects on Neuroendocrine Mechanisms. In: Narcotics and the Hypothalamus, pp. 9-23., E. Zimmerman and R. George (eds.), Raven Press, 1975:

57. E.T. Wei, S. Sigel, H.H. Loh and E.L. Way. Thyrotrophin-releasing hormone and shaking behaviour in the rat. Nature (London) 25: 739-740, 1975.

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64. W. Feldberg and E.T. Wei. Central origin and mechanism of action of morphine on the cardiovascular system as revealed by naloxone. Journal of Physiology (London) 272: 99-100, 1977.

65. W. Feldberg and E.T. Wei. Central sites of action of morphine when producing cardiovascular effects. Journal of Physiology (London) 275: 57, 1977.

66. E.T. Wei, H.H. Loh, L.F. Tseng, and C.H. Li. Comparison of the behavioral effects of beta-endorphin and enkephalin analogs. Life Sciences 21: 321-328, 1977.

67. P.Y. Law, E.T. Wei, L.F. Tseng, H.H. Loh, and E.L. Way. Opioid properties of beta-lipotropin fragment 60-65, H-Arg-Tyr-Gly-Gly-Phe- Met-OH. Life Sciences 20: 251-260, 1977.

68. W. Feldberg and E.T. Wei. Central cardiovascular effects of enkephalins and C-fragment of liptropin. Journal of Physiology (London) 280: 18, 1978.

69. J.W. Holaday, E.T. Wei, H.H. Loh, and C.H. Li. ß-Endorphin may function in heat adaptation. Proc. Natl. Acad. Sci. USA 75: 2923-2927, 1978.

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73. E.T. Wei and Y. Wu. Pressor effects of intracisternal Na^+ in normotensive and spontaneously hypertensive rats. Brain Research 169: 605-609, 1979.

74. L.F. Tseng, E.T. Wei, H.H. Loh, and C.H. Li. ß-Endorphin: Central sites of analgesia, catalepsy, and body temperature changes in rats. Journal of Pharmacology and Experimental Therapeutics 214: 328-332, 1980.

75. E.T. Wei, A. Lee, and J.K. Chang. Cardiovascular effects of peptides related to the enkephalins and ß-casomorphin. Life Sciences 26: 1517- 1522, 1980.

76. J.S. Morley and E.T. Wei. Hexahydro derivative of (D-Met^2,Pro^5) enkephalinamide gives rise to physical dependence. International Journal of Peptide and Protein Research 16: 254-258, 1980.

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